

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/480,472DATE: 03/26/96
TIME: 18:00:30

INPUT SET: S9550.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

HLC

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT:

Sherrol H. McDonough
Daniel L. Kacian
Nanibhushan Dattagupta
Diane L. McAllister
Philip Hammond
Thomas B. Ryder
Norman C. Nelson

(ii) TITLE OF INVENTION:

NUCLEIC ACID SEQUENCE
AMPLIFICATION

(iii) NUMBER OF SEQUENCES:

23

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE:

Lyon & Lyon

(B) STREET:

633 West Fifth Street
Suite 4700

(C) CITY:

Los Angeles

(D) STATE:

California

(E) COUNTRY:

U.S.A.

(F) ZIP:

90071-2066

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE:

3.5" Diskette, 1.44 Mb
storage

(B) COMPUTER:

IBM Compatible

(C) OPERATING SYSTEM:

IBM P.C. DOS 5.0

(D) SOFTWARE:

Word Perfect 5.1

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:

08/480,472

(B) FILING DATE:

June 6, 1995

(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER:

08/345,861

(B) FILING DATE:

November 28, 1994

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47
48
49 (A) APPLICATION NUMBER: 07/925,405
50 (B) FILING DATE: August 4, 1992
51
52 (viii) ATTORNEY/AGENT INFORMATION:
53
54 (A) NAME: Heber, Sheldon O.
55 (B) REGISTRATION NUMBER: 38,179
56 (C) REFERENCE/DOCKET NUMBER: 213/066
57
58
59 (ix) TELECOMMUNICATION INFORMATION:
60
61 (A) TELEPHONE: (213) 489-1600
62 (B) TELEFAX: (213) 955-0440
63 (C) TELEX: 67-3510
64
65
66 (2) INFORMATION FOR SEQ ID NO: 1:
67
68 (i) SEQUENCE CHARACTERISTICS:
69
70 (A) LENGTH: 62 base pairs
71 (B) TYPE: nucleic acid
72 (C) STRANDEDNESS: single
73 (D) TOPOLOGY: linear
74
75 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
76
77 GAAATTAATA CGACTCACTA TAGGGAGACC ACAGCCGTCA GGGATAACCC 50
78 CACCAACAAG CT 62
79
80
81 (2) INFORMATION FOR SEQ ID NO: 2:
82
83 (i) SEQUENCE CHARACTERISTICS:
84
85 (A) LENGTH: 31 base pairs
86 (B) TYPE: nucleic acid
87 (C) STRANDEDNESS: single
88 (D) TOPOLOGY: linear
89
90 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
91
92 GGGATAAGCC TGGGAAACTG GGTCTAATAC C 31
93
94
95 (2) INFORMATION FOR SEQ ID NO: 3:
96
97 (i) SEQUENCE CHARACTERISTICS:
98
99 (A) LENGTH: 24 base pairs

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100 (B) TYPE: nucleic acid
101 (C) STRANDEDNESS: single
102 (D) TOPOLOGY: linear
103
104 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
105
106 GTCTTGTGGT GGAAAGCGCT TTAG 24
107
108
109 (2) INFORMATION FOR SEQ ID NO: 4:
110
111 (i) SEQUENCE CHARACTERISTICS:
112
113 (A) LENGTH: 23 base pairs
114 (B) TYPE: nucleic acid
115 (C) STRANDEDNESS: single
116 (D) TOPOLOGY: linear
117
118 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
119
120 CCGGATAGGA CCACGGGATG CAT 23
121
122
123 (2) INFORMATION FOR SEQ ID NO: 5:
124
125 (i) SEQUENCE CHARACTERISTICS:
126
127 (A) LENGTH: 20 base pairs
128 (B) TYPE: nucleic acid
129 (C) STRANDEDNESS: single
130 (D) TOPOLOGY: linear
131
132 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
133
134 CGGTGTGGGA TGACCCCGCG 20
135
136
137 (2) INFORMATION FOR SEQ ID NO: 6:
138
139 (i) SEQUENCE CHARACTERISTICS:
140
141 (A) LENGTH: 47 base pairs
142 (B) TYPE: nucleic acid
143 (C) STRANDEDNESS: single
144 (D) TOPOLOGY: linear
145
146 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
147
148 AATTTAATAC GACTCACTAT AGGGAGACCA GGCCACTTCC GCTAACC 47
149
150
151 (2) INFORMATION FOR SEQ ID NO: 7:
152

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153 (i) SEQUENCE CHARACTERISTICS:
154
155 (A) LENGTH: 24 base pairs
156 (B) TYPE: nucleic acid
157 (C) STRANDEDNESS: single
158 (D) TOPOLOGY: linear
159
160 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
161
162 CGCGGAACAG GCTAAACCGC ACGC 24
163
164 (2) INFORMATION FOR SEQ ID NO: 8:
165
166 (i) SEQUENCE CHARACTERISTICS:
167
168 (A) LENGTH: 23 base pairs
169 (B) TYPE: nucleic acid
170 (C) STRANDEDNESS: single
171 (D) TOPOLOGY: linear
172
173 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
174
175 GGAGGATATG TCTCAGCGCT ACC 23
176
177 (2) INFORMATION FOR SEQ ID NO: 9:
178
179 (i) SEQUENCE CHARACTERISTICS:
180
181 (A) LENGTH: 38 base pairs
182 (B) TYPE: nucleic acid
183 (C) STRANDEDNESS: single
184 (D) TOPOLOGY: linear
185
186 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
187
188 CGGCTGAGAG GCAGTACAGA AAGTGTCGTG GTTAGCGG 38
189
190
191 (2) INFORMATION FOR SEQ ID NO: 10:
192
193 (i) SEQUENCE CHARACTERISTICS:
194
195 (A) LENGTH: 36 base pairs
196 (B) TYPE: nucleic acid
197 (C) STRANDEDNESS: single
198 (D) TOPOLOGY: linear
199
200 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
201
202 GGGTAACCGG GTAGGGGTTG TGTGTGCGGG GTTGTG 36
203
204
205 (2) INFORMATION FOR SEQ ID NO: 11:

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206
207 (i) SEQUENCE CHARACTERISTICS:
208
209 (A) LENGTH: 28 base pairs
210 (B) TYPE: nucleic acid
211 (C) STRANDEDNESS: single
212 (D) TOPOLOGY: linear
213
214 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
215
216 ATAATCCACC TATCCCAGTA GGAGAAAT 28
217
218
219 (2) INFORMATION FOR SEQ ID NO: 12:
220
221 (i) SEQUENCE CHARACTERISTICS:
222
223 (A) LENGTH: 55 base pairs
224 (B) TYPE: nucleic acid
225 (C) STRANDEDNESS: single
226 (D) TOPOLOGY: linear
227
228 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
229
230 AATTTAATAC GACTCACTAT AGGGAGACCA CACCTTGTCT TATGTCCAGA 50
231 ATGCT 55
232
233
234
235 (2) INFORMATION FOR SEQ ID NO: 13:
236
237 (i) SEQUENCE CHARACTERISTICS:
238
239 (A) LENGTH: 30 base pairs
240 (B) TYPE: nucleic acid
241 (C) STRANDEDNESS: single
242 (D) TOPOLOGY: linear
243
244 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
245
246 GCACGTAGTT AGCCGGTGCT TATTCTTCAG 30
247
248
249 (2) INFORMATION FOR SEQ ID NO: 14:
250
251 (i) SEQUENCE CHARACTERISTICS:
252
253 (A) LENGTH: 53 base pairs
254 (B) TYPE: nucleic acid
255 (C) STRANDEDNESS: single
256 (D) TOPOLOGY: linear
257
258 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/08/480,472*

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Line

Error

Original Text